

### Amendments to Claims

1. (currently amended) A method of stamping an article from an aluminum ~~a metal~~ alloy sheet material, said sheet material having a thickness and a straining limit, where the shape of said article cannot be stamped into said sheet in a single stamping operation without exceeding the straining limit of the sheet at a location in ~~the geometry~~ of said article, said sheet material being strain hardenable and having known stress/strain forming properties and being initially in a softened condition for forming by stamping, said method comprising:

predetermining, from said stress/strain forming properties and the thickness of said sheet, a preform shape that is a deformation precursor of said article shape and includes a strain-hardened region, and an annealing practice for re-softening the strain-hardened region of said preform shape, said preform shape and said annealing practice enabling ~~the one step stamping of the geometry of said article shape~~ from said preform shape without exceeding the straining limit of the sheet; and thereafter

stamping a blank of said sheet material into said preform shape;

annealing at least a said strain-hardened region selected portion of said preform by said annealing practice; and

stamping said annealed preform to the shape of said article, the duration of said annealing step being no greater than twice the duration of either of said stamping steps.

2. (original) A method of stamping an article as recited in claim 1 where said stamping of said preform shape, the annealing of said annealed preform and the stamping of said annealed preform to the shape of said article are performed in a continuous sequence of operations of substantially equal duration.

3. (original) The method of stamping an article as recited in claim 1 in which the period of heating for the annealing of said preform shape is no more than fifteen seconds.

4. (currently amended) The method of stamping an article as recited in claim 1 in which the period of heating for the annealing of said preform shape and a period for cooling of the annealed preform, ~~if cooling is required~~, enables the preform stamping/preform

annealing/final shape stamping sequence of steps to be performed as a continuous process sequence.

5. (original) The method of stamping an article as recited in claim 1 in which said annealing step restores the temper of the preform stamping to the temper quality of the sheet metal material prior to said preform stamping step.

6. (original) The method of stamping an article as recited in claim 2 in which said annealing step restores the temper of the preform stamping to the temper quality of the sheet metal material prior to said preform stamping step.

7. (original) The method of stamping an article as recited in claim 3 in which said annealing step restores the temper of the preform stamping to the temper quality of the sheet metal material prior to said preform stamping step.

8. (original) The method of stamping an article as recited in claim 4 in which said annealing step restores the temper of the preform stamping to the temper quality of the sheet metal material prior to said preform stamping step.

9. (original) The method of stamping an article as recited in claim 1 in which said sheet metal material is a magnesium containing, aluminum alloy of the AA5xxx family.

10. (original) The method of stamping an article as recited in claim 2 in which said sheet metal material is a magnesium containing, aluminum alloy of the AA5xxx family.

11. (original) The method of stamping an article as recited in claim 3 in which said sheet metal material is a magnesium containing, aluminum alloy of the AA5xxx family.

12. (original) The method of stamping an article as recited in claim 4 in which said sheet metal material is a magnesium containing, aluminum alloy of the AA5xxx family.

13. (currently amended) A method of stamping an article from an aluminum metal alloy sheet material, said sheet material having a thickness and a straining limit, where the shape of said article cannot be stamped into said sheet in a single stamping operation without exceeding the straining limit of the sheet at a location in the geometry of said article, said sheet material being strain hardenable and having known stress/strain forming properties and being initially in a softened condition for forming by stamping, said method comprising:

predetermining, from said stress/strain forming properties and the thickness of said sheet, a preform shape that is a deformation precursor of said article shape and includes a strain-hardened region, and an annealing practice for re-softening the strain-hardened region of said preform shape, said preform shape and said annealing practice enabling the one step stamping of the geometry of said article shape from said preform shape without exceeding the straining limit of the sheet; and thereafter

stamping a blank of said sheet material into said preform shape;  
annealing at least said strain-hardened region ~~a selected portion~~ of said preform by said annealing practice;

cooling said annealed preform, ~~if necessary~~;  
lubricating said preform, ~~if necessary~~; and  
stamping said annealed preform to the shape of said article, the duration of each of said stamping steps and of said annealing, cooling and lubricating steps are managed so that said article is formed by said steps in a continuous process sequence.

14. (original) The method of stamping an article as recited in claim 13 in which said sheet metal material is a magnesium containing, aluminum alloy of the AA5xxx family.